506473078 01/27/2021

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAVID BLANKENBECKLER	10/31/2017
NIKOLA KOLAROVIC	10/25/2017
NINOSLAV ZMUKIC	10/25/2017
TIHOMIR ANDJELIC	10/24/2017

RECEIVING PARTY DATA

Name:	WESTERN DIGITAL TECHNOLOGIES, INC.
Street Address:	5601 GREAT OAKS PARKWAY
City:	SAN JOSE
State/Country:	CALIFORNIA
Postal Code:	95119

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17160263

CORRESPONDENCE DATA

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Phone: (949) 943-2704 **Email:** dan@barryiplaw.com

Correspondent Name: BARRY IP LAW, P.C. (WESTERN DIGITAL)

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ATTORNEY DOCKET NUMBER:	SDA-3041-I-US
NAME OF SUBMITTER:	DANIEL G. BARRY
SIGNATURE:	/Daniel Barry/
DATE SIGNED:	01/27/2021

Total Attachments: 5

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PATENT 506473078 REEL: 055054 FRAME: 0229

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> PATENT REEL: 055054 FRAME: 0230

ASSIGNMENT

Whereas, we, DAVID BLANKENBECKLER, residing at LONGMONT, Colorado; NIKOLA KOLAROVIC, residing at NOVI SAD, Serbia; NINOSLAV ZMUKIC, residing at NOVI SAD, Serbia; and TIHOMIR ANDJELIC, residing at NOVI SAD, Serbia have invented certain new and useful improvements in DECRYPTION AND VARIANT PROCESSING (hereafter "Improvements") for which we have executed a United States provisional application filed on January 2, 2017, as Application No. 62/441,511, and a United States non-provisional application filed concurrently herewith, as Application No. UNKNOWN (hereafter "Applications"); and

Whereas, Western Digital Technologies, Inc. (hereafter "Assignee"), a Delaware Corporation, desires to acquire the entire right, title, and interest in and to the Improvements and the Application.

Now, therefore, that for good and valuable consideration, the receipt of which is hereby acknowledged, we, the inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the Assignee, its successors, legal representatives and assignees, the entire right, title, and interest throughout the world in, to and under the Improvements, and the Applications and all divisions, renewals and continuations thereof, and all applications claiming priority to the Applications, and all Letters Patent of the United States which may be granted thereof and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for the Improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patents for the Improvements to the Assignee, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

We hereby covenant and agree that we will communicate to the Assignee, its successors, legal representatives and assigns, any facts known to us respecting the Improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and aid the Assignee, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Improvements in all countries.

This agreement shall be deemed to have been executed and delivered within the State of California, and the rights and obligations of the parties hereunder shall be construed and enforced in accordance with, and governed by, the laws of the State of California without regard to any principles of conflict of laws that would result in the application of the laws of any other jurisdiction. In the event a judicial proceeding is necessary, the exclusive forums for resolving disputes arising under or relating to this agreement shall be the state and federal courts located within the County of Orange, California, and all related appellate courts and the parties hereby consent to the exclusive jurisdiction of such courts, and hereby waive any and all objections based on venue or forum non conveniens.

Page 1 of 2

Title of Invention: DECRYPTION AND VARIANT PROCESSING		
1 0	t may be electronically signed. The parties agree that electronic t are the same as handwritten signatures for the purposes of validity,	
/David Blankenbeckler/	Oct 31, 2017	
DAVID BLANKENBECKLER	Date	
NIKOLA KOLAROVIC		
NINOSLAV ZMUKIC	Date	
TIHOMIR ANDJELIC	Date	

Title of Invention: **DECRYPTION AND VARIANT PROCESSING**The parties agree that this agreement may be electronically signed. The parties agree that electronic signatures appearing on this agreement are the same as handwritten signatures for the purposes of validity, enforcement and admissibility.

DAVID BLANKENBECKLER	Date
/Nikola Kolarovic/	Oct 25, 2017
NIKOLA KOLAROVIC	Date
NINOSLAV ZMUKIC	Date
TIHOMIR AND IFI IC	— Data

Title of Invention: DECRYPTION AND VARIANT PROCESSING		
	t may be electronically signed. The parties agree that electron t are the same as handwritten signatures for the purposes of validity	
DAVID BLANKENBECKLER	Date	
NIKOLA KOLAROVIC	Date	
/Ninoslav Zmukic/	Oct 25, 2017	
NINOSLAV ZMUKIC	Date Date	
TIHOMIR ANDJELIC	Date	

Title of Invention: DECRYPTION AND VARIANT PROCESSING		
		red. The parties agree that electronic signatures for the purposes of validity,
DAVID BLANKENBECKLER		
NIKOLA KOLAROVIC	Date	
NINOSLAV ZMUKIC	Date	
Tihomir Andjelic/	Oct 24, 2017	
TIHOMIR ANDJELIC	Date	